

**United States Patent** [19]

Farquhar et al.

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## [54] PCMCIA STANDARD MEMORY CARD FRAME

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[31] Int. Cl.<sup>6</sup> ..... H05K 5/03; H05K 7/00

[52] U.S. Cl. .... 174/52.1; 361/753; 361/575

[58] Field of Search ..... 361/684, 737, 748, 753, 361/752, 757; 174/52.4, 52.5, 52.1; 428/76, 192, 542.8; 156/73.1; 264/248, 272.17

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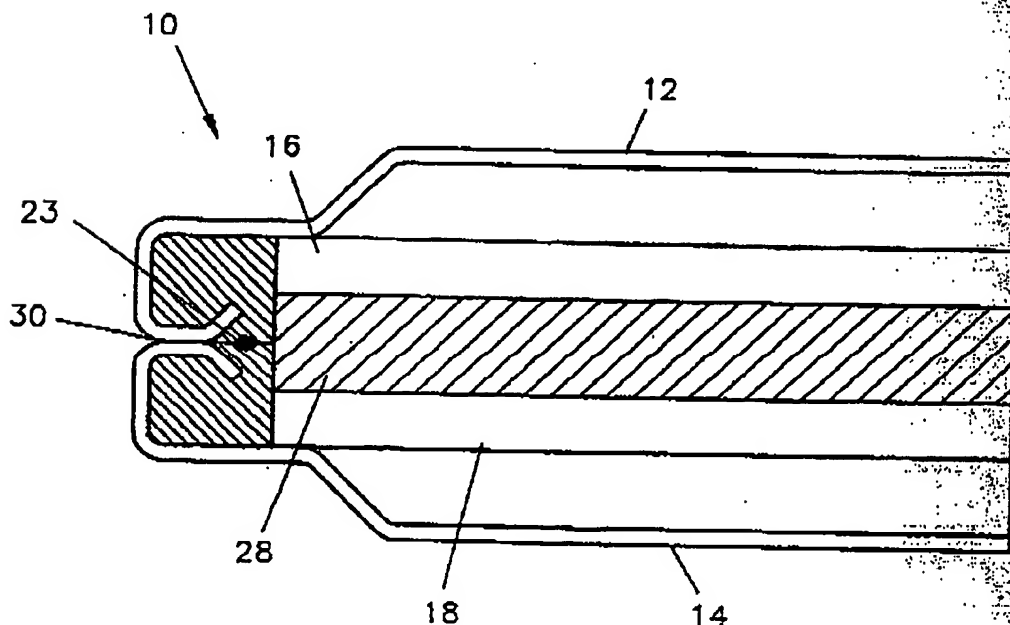
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## [57] ABSTRACT

A container for a memory card and the process by which the container is manufactured. The container comprises chiefly two stamped steel covers (an upper and a lower cover half), each secured to a plastic frame element. The cover halves are secured by extended fingers which wrap around the plastic frame. This provides a double layer of metal at the perimeter of the frame. The two cover halves are situated so as to encapsulate the subject PCB and to affix it in its proper position. The two cover halves are then welded together using sonic welding on the plastic frame. The frame has been designed to meet all PCMCIA standards, including polarizing keys and grounding points.

6 Claims, 4 Drawing Sheets



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